BRUHATH BENGALURU MAHANAGARA PALIKE

Yelahanka Division, Yelahanka Zone

Executive Engineeer
Yelahanka Division
B.B.M.P. Bengaluru - 64

No:EE/YNK-D/E-PMT/12/2019-20 Dated: 08-11-2019

APPROVED TENDER SCHEDULE –'B'

Item-11

Name of Work:-Construction of Buildings and other civil works and playgrounds in ward no 01 03 & 04 under Buildings Playgrounds Hospitals head in Chief Minister Nava Nagarothan grants of yelahanka division. Package 11

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
1	KSRRB M200-12.3. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. C. Prestressed / Reinforced cement concrete grade M-20 & above. MORTH Specification No. 202.(Pg No 139 ,Item No 18.19)	cum	188.22	1801.93	Rupees One Thousand Eight Hundred One and Paise Ninety Three Only
2	KSRRB M200-14.2.Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherevernecessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar. Pg No.139 Item No.18.23	Cum	134.34	398.03	Rupees Three Hundred Ninety Eight and Paise Three Only
3	37.51: Dismantling cement concrete flooring or plain cement concrete work including removing and conveying the debris to distance upto 200m (within average thickness of 15 cms) No. KBS Pg No 270 ,Item No 37.51,	Sqm	625.38	97.52	Rupees Ninety Seven and Paise Fifty Two Only
4	Dismantling plastering and removing the debris with a lead upto 200m. (P.No.270, I.No. 37.50)	Sqm	798.61	41.96	Rupees Forty One and Paise Ninety Six Only
5	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136,Item No17.4	Cum	432.34	70.54	Rupees Seventy and Paise Fifty Four Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
6	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	768.16	509.17	Rupees Five Hundred Nine and Paise Seventeen Only
7	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications and directions of the Engineer in charge.	Cum	41.77	2754.49	Rupees Two Thousand Seven Hundred Fifty Four and Paise Forty Nine Only
8	Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.	Cum	92.14	5785.67	Rupees Five Thousand Seven Hundred Eighty Five and Paise Sixty Seven Only
9	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge.	Sqm	405.67	292.57	Rupees Two Hundred Ninety Two and Paise Fifty Seven Only
10	Providing and removing centering, shuttering, strutting, propping etc. and Removal of form Work for columns, pillars, piers, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge.	Sqm	363.40	517.10	Rupees Five Hundred Seventeen and Paise Ten Only
11	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs .complete as per specificaiton and directions of the Engineer in charge.	Sqm	1298.32	453.60	Rupees Four Hundred Fifty Three and Paise Sixty Only
12	Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications and directions of the Engineer in charge.	Sqm	59.90	856.17	Rupees Eight Hundred Fifty Six and Paise Seventeen Only

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13	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons and directions of the Engineer in charge.	Sqm	858.06	331.13	Rupees Three Hundred Thirty One and Paise Thirteen Only
14	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton and directions of the Engineer in charge	Sqm	78.24	589.68	Rupees Five Hundred Eighty Nine and Paise Sixty Eight Only
15	Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications and directions of the Engineer in charge.	Cum	274.44	6590.81	Rupees Six Thousand Five Hundred Ninety and Paise Eighty One Only
16	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Ground Floor)	Cum	42.14	6855.03	Rupees Six Thousand Eight Hundred Fifty Five and Paise Three Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
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17	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (First Floor)	Cum	27.33	6923.07	Rupees Six Thousand Nine Hundred Twenty Three and Paise Seven Only
18	Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts.butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications and directions of the Engineer in charge. (Second Floor)	Cum	58.01	6991.11	Rupees Six Thousand Nine Hundred Ninety One and Paise Eleven Only
19	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications and directions of the Engineer in charge.	tonne	8.27	82171.91	Rupees Eighty Two Thousand One Hundred Seventy One and Paise Ninety One Only
20	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and directions of the Engineer in charge. (First Floor)	cum	8.12	8059.34	Rupees Eight Thousand Fifty Nine and Paise Thirty Four Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
21	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	cum	8.12	8127.38	Rupees Eight Thousand One Hundred Twenty Seven and Paise Thirty Eight Only
22	Providing and constructing burnt brick masonry with approved quality of modular bricks of standard size of class designation 5.0Newton per sqmm (table moulded) with cement mortar 1:4 for basement and superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications and directions of the Engineer in charge. (Terrace Floor)	cum	6.70	8195.42	Rupees Eight Thousand One Hundred Ninety Five and Paise Forty Two Only
23	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Ground Floor)	Sqm	840.62	295.97	Rupees Two Hundred Ninety Five and Paise Ninety Seven Only
24	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (First Floor)	Sqm	825.96	309.58	Rupees Three Hundred Nine and Paise Fifty Eight Only
25	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	Sqm	464.72	323.19	Rupees Three Hundred Twenty Three and Paise Nineteen Only
26	Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners. wherever required smooth rendering, Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Terrace Floor)	Sqm	134.03	336.80	Rupees Three Hundred Thirty Six and Paise Eighty Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
27	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (First Floor)	Sqm	967.80	238.14	Rupees Two Hundred Thirty Eight and Paise Fourteen Only
28	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	Sqm	210.60	244.94	Rupees Two Hundred Forty Four and Paise Ninety Four Only
29	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Ground Floor)	Sqm	740.33	255.15	Rupees Two Hundred Fifty Five and Paise Fifteen Only
30	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (First Floor)	Sqm	812.02	261.95	Rupees Two Hundred Sixty One and Paise Ninety Five Only
31	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering, : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge. (Second Floor)	Sqm	272.09	268.76	Rupees Two Hundred Sixty Eight and Paise Seventy Six Only
32	providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty . Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of alll mateerial cost of labour and scaffolding etc. ,complete as per specification and directions of the Engineer in charge.	Sqm	4286.95	88.45	Rupees Eighty Eight and Paise Forty Five Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
33	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour. - with primer.complete as per specification and directions of the Engineer in charge.	Sqm	2510.57	102.06	Rupees One Hundred Two and Paise Six Only
34	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications page no117 item no 15.49.1 . KSRB 15-14.1 : Extra over Item 15-14.1 for applying oil bound washable distemper on ceiling and / or sloping roof as per specifications and directions of the Engineer in charge.	Sqm	1776.38	133.81	Rupees One Hundred Thirty Three and Paise Eighty One Only
35	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge (Ground Floor)	Sqm	1188.09	715.55	Rupees Seven Hundred Fifteen and Paise Fifty Five Only
36	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge (First Floor)	Sqm	762.68	717.82	Rupees Seven Hundred Seventeen and Paise Eighty Two Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
37	Providing and laying M-15 cement concrete flooring, 50 mm thick with metallic concrete hardner topping , under layer of 35mm thick m-15 cement concrete using broken granite metal of 20mm and down size, and top layer 50mm thick of metallic cement hardner consisting of mix 1:2 (1 cement hardner mix : 2 granite metal 10mm nominal size) by volume, with which metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement and 1 part of metallic floor hardening compound of approved quality by wt) , including finishing cost of materials, labour, curing, complete as per specifications and directions of the Engineer in charge.(Second Floor)	Sqm	239.89	720.09	Rupees Seven Hundred Twenty and Paise Nine Only
38	Waterproofing of RCC Terrace / podium slab / toilet / utilities / water retaining structure by preparing the surface by chipping and cleaning and Grouting of Honey comb, voids,cracks / construction joints with cement slurry (1kg cement added in 10 ltr of water) added with 100gm of inorganic accelerator, followed by spraying of liquid biological modified alkaline earth silicates @ 0.40 ltr per sqm on whole surface to reduce the micro porosity and allowing it to dry, curing the surface for the silicates to penetrate deeper into the concrete and spraying waterproofing impregnate liquid containing silane and silanol linear copolymer @ 0.50 ltr per sqm and finally applying polymer slurry made out of cross linked acrylic / styrene / butadiene & cement in the ratio of 1:0.1, @0.50kg/sqm on the whole surface, including all labour charges tools and equipments, all complete as per the specification and directions of the Engineer in charge.(Terrace Floor)	Sqm	971.04	596.48	Rupees Five Hundred Ninety Six and Paise Forty Eight Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
39	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original	Sqm	147.30	5029.29	Rupees Five Thousand Twenty Nine and Paise Twenty Nine Only
40	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original	Sqm	90.72	5036.09	Rupees Five Thousand Thirty Six and Paise Nine Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor / Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
41	Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m; sides and top sections 1.3 mm, thick, weight 0.933 kg/m.shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm. weight 0.417 kg./m. shutter side outer 40mmx18mm. wall thickness 1.25mm. weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm. thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar - using aluminium	Sqm	15.12	5042.90	Rupees Five Thousand Forty Two and Paise Ninety Only
42	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge.(First Floor)	kg	1905.12	114.53	Rupees One Hundred Fourteen and Paise Fifty Three Only
43	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications and directions of the Engineer in charge.(Second Floor)	Kg	317.52	121.34	Rupees One Hundred Twenty One and Paise Thirty Four Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate In Words
44	Providing and fixing factory made Galvanized plain steel door frame of profile size 125x60 mm single rebate manufactured from galvanized plain steel sheet 1.25mm thick, confirming to IS:277. The door frame consists of hinge jamb, lock jamb, head and bottom tie bars, supply in knockdown condition & to be assembeled at site by mechanical means with special mitre joint. The bottom tie bar made out of galvanized plain steel sheet 1.60mm thick pressed angle 20 x 20mm screwed to the door frame. The stiffness of 3mm thick MS GATE & pre-trapped are to be welded inside the pre-punched alots of the door frames & 4 nos. of S.S.butt hinges 100 x 59 2.5mm to be screwed to the door frame. The stiffeners & mortor guards to be provided for fixing hardware fixtures. The door frame to be powder coated after pre-treatment of the surface. The door frame shall be filled with 1:3:6 cement concrete & to be fixed with adjustable lugs/hold fasts. Alternatively, dry fixing shall be permitted by using metallic expansion bolt. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. Size 1000 x 2130 mm complete as per specifications and directions of the Engineer in	Rmt	6.60	618.03	Rupees Six Hundred Eighteen and Paise Three Only
45	Providing and fixing factory made Galvanized plain steel door shutters 32mm thick manufactured from pre painted galvanized plain steel sheet 0.60mm thick confirming to the IS:14246. The door shutters consists of two outer skins if steel sheets , lock seam jointed at vertical stile edges, horizontal top and bottom sides to form a double skin fully flush shell. Rigid polyyurethane Foam (PUF) of density 40 kg/m3 shall be filled in the hollow portion of door shutters for structure rigidly & sound insulation. The necessary stiffeners of the Galvanized plain steel sheet of minimum thickness 1.60mm to be provided for fixing all hardware fixtures. The rate is including transportation, loading, unloading, HOM etc. but excluding the hardware fixtures. Size 900 x 2035 x 32 mm complete as per specifications and directions of the Engineer in charge.	Sqm	2.52	2426.76	Rupees Two Thousand Four Hundred Twenty Six and Paise Seventy Six Only
46	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications and directions of the Engineer in charge.	Sqm	725.82	107.73	Rupees One Hundred Seven and Paise Seventy Three Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
47	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specifications and directions of the Engineer in charge.(Ground Floor)	sqm	16.20	3220.56	Rupees Three Thousand Two Hundred Twenty and Paise Fifty Six Only
48	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specifications and directions of the Engineer in charge.(First Floor)	sqm	16.20	3227.36	Rupees Three Thousand Two Hundred Twenty Seven and Paise Thirty Six Only
49	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., , complete as per specifications and directions of the Engineer in charge.(Second Floor)	sqm	16.20	3234.17	Rupees Three Thousand Two Hundred Thirty Four and Paise Seventeen Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
50	Providing and fixing M.S.Grill over existing compound wall as per Chief Architect drawing No. 12686, using 16mm x 16mm M.S.Square rod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontal and 6mm x12mm M.S. flat for ornamental design and providing shop edge design at the vertex of every vertical rods, including welding, grinding wherever necessary. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and directions of the Engineer in charge.	Sqm	115.20	6088.45	Rupees Six Thousand Eighty Eight and Paise Forty Five Only
51	Fabricating, supplying and erecting M.S. TubularTruss of span upto 10m. The bottom and top member is provided with 50x50x6mm double equal angles, welded back to back and in between top and bottom line, in areas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided. All the members are welded together with 6mm gusset plate as per Drawing. The entire truss is anchored in RCC column by using 4 Nos. of M.S. anchor bolts at each support, with 10mm thick base plate and shoe plate.The work includes cutting, straightening, placing in position of M.S angle and wleding wherever necessary, and applying one coat of red oxide primer coat to all themembers including cost of all materials, labour charges, and hire charges of machineries for cutting, welding, grinding and erection equipments, with all lead and lift, transportation, etc., complete as per specification and directions of the Engineer in charge.	kg	30447.71	125.87	Rupees One Hundred Twenty Five and Paise Eighty Seven Only
52	Concealed Conduit System - Supplying 20/25/32 mm dia 2mm thick confirming to IS 2506 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary	Rmt	690.10	42.00	Rupees Forty Two Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
53	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification. complete as per specifications and directions of the Engineer in charge.	cum	430.82	361.73	Rupees Three Hundred Sixty One and Paise Seventy Three Only
54	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	cum	113.32	6148.55	Rupees Six Thousand One Hundred Forty Eight and Paise Fifty Five Only
55	Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerddressed in courses not less than 20 cms high, bond stones at 2m apart in each course including cost of materials, labour, curing completeas per specifications. complete as per specifications and directions of the Engineer in charge.	cum	96.51	5211.86	Rupees Five Thousand Two Hundred Eleven and Paise Eighty Six Only
56	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	282.16	227.93	Rupees Two Hundred Twenty Seven and Paise Ninety Three Only
57	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge.	Cum	483.06	70.44	Rupees Seventy and Paise Forty Four Only
58	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specificaitons. complete as per specifications and directions of the Engineer in charge.	Sqm	267.38	405.97	Rupees Four Hundred Five and Paise Ninety Seven Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
59	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.complete as per specifications and directions of the Engineer in charge.	Sqm	81.24	366.28	Rupees Three Hundred Sixty Six and Paise Twenty Eight Only
60	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	43.92	562.46	Rupees Five Hundred Sixty Two and Paise Forty Six Only
61	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs, with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	20.16	568.13	Rupees Five Hundred Sixty Eight and Paise Thirteen Only
62	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.complete as per specifications and directions of the Engineer in charge.	tonne	57.73	80475.44	Rupees Eighty Thousand Four Hundred Seventy Five and Paise Forty Four Only
63	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.complete as per specifications and directions of the Engineer in charge. (First Floor)	tonne	21.63	81323.68	Rupees Eighty One Thousand Three Hundred Twenty Three and Paise Sixty Eight Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
64	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	751.73	1034.21	Rupees One Thousand Thirty Four and Paise Twenty One Only
65	Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.00N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4,as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machinaries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge. (first Floor)	Sqm	435.69	1073.90	Rupees One Thousand Seventy Three and Paise Ninety Only
66	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	62.40	919.67	Rupees Nine Hundred Nineteen and Paise Sixty Seven Only
67	Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .complete as per specifications and directions of the Engineer in charge.	Sqm	972.20	231.34	Rupees Two Hundred Thirty One and Paise Thirty Four Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate In Words
68	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge. (first Floor)	Sqm	56.24	959.36	Rupees Nine Hundred Fifty Nine and Paise Thirty Six Only
69	Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications.complete as per specifications and directions of the Engineer in charge (Second Floor)	Sqm	158.24	999.05	Rupees Nine Hundred Ninety Nine and Paise Five Only
70	Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, inclding cost of materials, labour, curing complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	90.51	232.47	Rupees Two Hundred Thirty Two and Paise Forty Seven Only
71	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	760.61	385.56	Rupees Three Hundred Eighty Five and Paise Fifty Six Only
72	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications. complete as per specifications and directions of the Engineer in charge. (First Floor)	Sqm	496.00	394.63	Rupees Three Hundred Ninety Four and Paise Sixty Three Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
73	Providing external walls with texture finish using approved brand paint, applied uniformly in three coats over one coat of primer including cost of all materials, machineries, labour, transportation, loading and unloading, all lead and lift and all other incidental charges including scaffolding and removing stains, complete as per specifications. complete as per specifications and directions of the Engineer in charge. (Second Floor)	Sqm	105.69	403.70	Rupees Four Hundred Three and Paise Seventy Only
74	Providing and fixing for flooring 20mm thick gang saw water cut sadarhalli gray granite in CM 1:4 proportion, cut to required shape, pattern with paper joints, finished with cement mortar using white cement and colour pigments to match the colour of slab making through jointing with sealant, groves in joints including cost of curing - minimum width of 900mm.complete as per specifications and directions of the Engineer in charge.	Sqm	365.52	2244.19	Rupees Two Thousand Two Hundred Forty Four and Paise Nineteen Only
75	Providing and fixing Vetrified glazed tiles of approved make quality & colour of size 900x900x 12mm thick fixed on bed of 12mm thick cement mortar for flooring ,skirting ad jointed with neat cement slurry mixed with pigment to match shade of tiles, including providing spacers at required interval and removing stains etc including Cost of all materials mortar labour etc complete as per specification.complete as per specifications and directions of the Engineer in charge.	Sqm	28.52	1289.36	Rupees One Thousand Two Hundred Eighty Nine and Paise Thirty Six Only
76	Providing Ceramic tiles of size 30x30cms 6mm thick of approved make ,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Sqm	6.96	1372.14	Rupees One Thousand Three Hundred Seventy Two and Paise Fourteen Only
77	Providing skirting, dado, rises of steps with colour glazed tiles 30X60 cms 6mm thick with border of size 30 x 10 cms on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Sqm	87.36	1850.69	Rupees One Thousand Eight Hundred Fifty and Paise Sixty Nine Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
78	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. complete as per specifications and directions of the Engineer in charge.	Sqm	1.60	204.12	Rupees Two Hundred Four and Paise Twelve Only
79	Supply and Installation of approved Wooden Floor for Indoor Hall - Maple Flooring with PU Scaler and coat polish 20mm,thickness*60mm width*2000mm, third &better grade treated sleepers of size 30*60mm to be installed 30cm center to center 20mmm professional EPDM rubber pad inclusive of HOM, labour etc. asper the directions of Engineer in charge (Data Rate) complete as per specifications and directions of the Engineer in charge.	Sqm	282.42	15750.00	Rupees Fifteen Thousand Seven Hundred Fifty Only
80	Fixing of door frames in an existing opening including embedding frame in floor and walls after cutting masonary for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and downsize granite metal painting two coats of coal tar to sides of frame,making good the damages to walls and floor as required and disposal of the debries with lead upto 50 m. including cost of materials, labour, complete as per specifications.complete as per specifications and directions of the Engineer in charge.	Nos	19.00	1549.04	Rupees One Thousand Five Hundred Forty Nine and Paise Four Only
81	Providing Honne wood frames of doors, windows, clerestory windows,ventilators and other frames , wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps),but including cost of materials, labour, HOM of machineries complete as per specifications. complete as per specifications and directions of the Engineer in charge.	Cum	2.24	99342.94	Rupees Ninety Nine Thousand Three Hundred Forty Two and Paise Ninety Four Only
82	Providing and fixing 65mmx90mm GRP Doorframe fabricated using E-Glass Chopped Strand Mat (CSM). U.V-stabilized Isopthalic Gelcoat and Isopthalic resin. The thickness of the GRP skin shall not be less than 2.0 mm. The doorframe consists of four segmens, which are provided with plug-in-socket arrangement in-situ in the mould. The segments are plugged in and are joined together by means of screws. The GRP frame shall be provided with wooden reinforcement of 6 locations fro high screw holding capacity for fixing metallic hold fast and shall be consolidated by filling with medium density foam/Plaster with fibre reinforcement. Six Numbers of 260mmx25mmx5mm size S shaped M.S. flat hold fast shall be provided with the frame.complete as per specifications and directions of the Engineer in charge.	m	22.80	510.30	Rupees Five Hundred Ten and Paise Thirty Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
83	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification .complete as per specifications and directions of the Engineer in charge	Sqm	26.46	5354.75	Rupees Five Thousand Three Hundred Fifty Four and Paise Seventy Five Only
84	Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification .complete as per specifications and directions of the Engineer in charge (First Floor)	Sqm	22.68	5359.28	Rupees Five Thousand Three Hundred Fifty Nine and Paise Twenty Eight Only
85	Providing and fixing factory made single leaf rigid GRP Sandwich composite door shutter of 40 mm thick, laminated with two GRP skins with wood grain finish, fabricated using U.V-stabilized Isopthalic Gelcoat and one layer of 450 gns E-Glass Chopped Strand Mat (CSM), impregnated with orthopthalic polyester resin. The thickness of the skins shall not be less than 1.5mm. Expanded Polystyrene (EPS) structural foam panel of 37mm thickness and a density of 20 Kg/m3 shall be used as core material. Wooden reinforcements made of Seasoned Salwood block of cross section not lessthan 36mmx32mmand also necessary salwood reinforcements for fixing the metal fittings such as tower bolts, aldrops, handles, etc. shall be provided. A structural adhesive compatible with EPS foam shall be used for bonding the core material, the salwood reinforement and the skins. The material and process for manufacturing the door shutters shall confirm to RV-TIFAC Composites Design Centre Standards and specifications and the door shutters tested in confiramation to IS 4020-1994. The finish of shutter will be plain coulur White/IVORY/Beige/Light Grey or any other colour	Sqm	6.30	4309.20	Rupees Four Thousand Three Hundred Nine and Paise Twenty Only
86	Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost ofmaterials, labour, complete as per specifications.complete as per specifications and directions of the Engineer in charge	Sqm	36.46	110.00	#VALUE!

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
87	Providing and fixing M.S.grill work for windows and ventilators weighing 21kg/sqm using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approve design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications.complete as per specifications and directions of the Engineer in charge	Kgs	2286.90	107.73	Rupees One Hundred Seven and Paise Seventy Three Only
88	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer in charge	Sqm	522.46	780.19	Rupees Seven Hundred Eighty and Paise Nineteen Only
89	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.complete as per specifications and directions of the Engineer in charge	Sqm	1084.42	46.49	Rupees Forty Six and Paise Forty Nine Only
90	Puffed panel (Data Rate).complete as per specifications and directions of the Engineer in charge	Sqm	564.44	4410.00	Rupees Four Thousand Four Hundred Ten Only
91	Providing and installing of approved make pre painted Galvalume iron Accessories, like, plain, ridges, plain gutter, plain flashing, corner Trim, etc. The total coated thickness (TCT) of the sheet shall be 0.47 mm +/- 0.02 tolerance mm Zinc-Alu Alloy coating AZ 150 gsm as per ASTM 1397/755 -550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling / self tapping screws of 25 mm length. (width upto 500-600 mm only), to be fixed over the existing purlins, rafters, channels and trusses.complete as per specifications and directions of the Engineer in charge	Sqm	166.20	748.44	Rupees Seven Hundred Forty Eight and Paise Forty Four Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
92	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.complete as per specifications and directions of the Engineer in charge	Cum	25.94	7423.71	Rupees Seven Thousand Four Hundred Twenty Three and Paise Seventy One Only
93	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification.complete as per specifications and directions of the Engineer in charge	tonne	1.56	75943.33	Rupees Seventy Five Thousand Nine Hundred Forty Three and Paise Thirty Three Only
94	Providing and laying 100mm thick pre-cast cover slabs over drains of width not exceeding 800mm using M20 concrete reinforced with steel @6.00kg/Sqm, slabs jointed in CM 1:3 proportion and nicely finished including providing holes in the Cover slabs wherever necessary for easy drainage of surface water including of labour, materials,HOM, curing, lead and lift charges etc, complete as per MORTH specifications.complete as per specifications and directions of the Engineer in charge	m	104.80	1203.15	Rupees One Thousand Two Hundred Three and Paise Fifteen Only
95	Providing and fixing white vitreous china clay, water closet europeon type (pedestal type, p-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level,P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets , 40mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design,painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.complete as per specifications and directions of the Engineer in charge	Each	2.00	5620.10	Rupees Five Thousand Six Hundred Twenty and Paise Ten Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
96	Providing and fixing white vitreous china clay,flat back or half stall urinal basin of size 580x380x350mm in the range of two with 7.5 litres P.V.C automatic flushing cistern, C.I / M.S brackets ,standard flush pipe and C.P brass spreaders with brass unions and G.I clamps, C.I trap with outlet grating and other couplings in C.P brass, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications.complete as per specifications and directions of the Engineer in charge	Unit	1.00	9154.78	Rupees Nine Thousand One Hundred Fifty Four and Paise Seventy Eight Only
97	Providing and fixing white vitreous china clay,flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets ,32mm C.P brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required , including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge	Unit	4.00	3570.97	Rupees Three Thousand Five Hundred Seventy and Paise Ninety Seven Only
98	Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge	Unit	2.00	1288.22	Rupees One Thousand Two Hundred Eighty Eight and Paise Twenty Two Only
99	Providing and fixing C.P brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P brass screws including cost of materials, labour complete as per specifications. complete as per specifications and directions of the Engineer in charge	Unit	4.00	838.03	Rupees Eight Hundred Thirty Eight and Paise Three Only
100	Providing and fixing in position chromium plated brass shower rose with 15 or 20mm inlet 150mm dia including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge	Each	2.00	850.50	Rupees Eight Hundred Fifty and Paise Fifty Only
101	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia.complete as per specifications and directions of the Engineer in charge	Each	4.00	170.10	Rupees One Hundred Seventy and Paise Ten Only
102	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions and direction(Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot) 10cmsX7.5cms. complete as per specifications and directions of the Engineer in charge	Each	2.00	283.50	Rupees Two Hundred Eighty Three and Paise Fifty Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
103	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.do - 110 mm dia. complete as per specifications and directions of the Engineer in charge	m	35.00	492.16	Rupees Four Hundred Ninety Two and Paise Sixteen Only
104	Providing and fixing to wall, ceiling and floor unplasticised PVC 6.00 kgs/sqcm working pressure with pipe fittings, wall clips etc., and making good the wall, ceiling and floor for sanitary pipelines including cost of all materials,labour charges, HOM of acquirements and testing complete as per specifications.For Rain water pipe.do- 160mm dia. complete as per specifications and directions of the Engineer in charge	m	35.00	967.30	Rupees Nine Hundred Sixty Seven and Paise Thirty Only
105	Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. (For 1000 Litre capacity) as per IS 12701 1996. complete as per specifications and directions of the Engineer in charge	Each	2.00	23228.86	Rupees Twenty Three Thousand Two Hundred Twenty Eight and Paise Eighty Six Only
106	Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge	Each	6.00	196.18	Rupees One Hundred Ninety Six and Paise Eighteen Only
107	Providing and fixing in position brass stop cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge	Each	4.00	159.89	Rupees One Hundred Fifty Nine and Paise Eighty Nine Only
108	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications.complete as per specifications and directions of the Engineer in charge	Each	2.00	381.02	Rupees Three Hundred Eighty One and Paise Two Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
109	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,)20mm nominal OD pipes.complete as per specifications and directions of the Engineer in charge	m	35.00	266.49	Rupees Two Hundred Sixty Six and Paise Forty Nine Only
110	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.,)25mm nominal OD pipes. complete as per specifications and directions of the Engineer in charge	m	35.00	332.26	Rupees Three Hundred Thirty Two and Paise Twenty Six Only
111	Constructing brick masonry inspection chamber 600x600mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm. complete as per specifications and directions of the Engineer in charge	Nos	4.00	9627.66	Rupees Nine Thousand Six Hundred Twenty Seven and Paise Sixty Six Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
112	Providing of stoneware gully trap of approved quality and make fixing in M-15 and plastering with CM 1:3 wherever necessary. (Rate includes cost of all materials,fixtures and lead).10 cms x 10 cms .complete as per specifications and directions of the Engineer in charge	Nos	4.00	215.46	Rupees Two Hundred Fifteen and Paise Forty Six Only
113	Concealed Conduit System - Supplying 20/25/32 mm dia 2mm thick confirming to IS 2506 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary 25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Rmt	625.30	55.65	Rupees Fifty Five and Paise Sixty Five Only
114	Concealed Conduit System - Supplying 20/25/32 mm dia 2mm thick confirming to IS 2506 with suitable size bends metal/pvc junction boxes, abhesive paste ets, and running befour concreting and slab. The conduit should de tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fisg wire whereever necessary 32mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Rmt	111.80	87.15	Rupees Eighty Seven and Paise Fifteen Only
115	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 19/20mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Rmt	166.95	53.55	Rupees Fifty Three and Paise Fifty Five Only
116	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 25mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Rmt	166.95	56.70	Rupees Fifty Six and Paise Seventy Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
117	Groove cutting : Supplying heavy gauge conduit PVC 25/2mm of s thick heavy with suitable size bend , metal junction boxes, adhesive pastes etc, by groove cutting in a wall and fixing by bracing U or J hooks and cement plastering up to the surface and run with 18SWG GI fish wire run throughout the conduit where ever necessary 32mm dia, 2mm thick. complete as per specifications and directions of the Engineer in charge.	Rmt	68.85	85.05	Rupees Eighty Five and Paise Five Only
118	Supplying and fixing Metal Fan Box with Round Hook Nos 60 135.00 8100 .complete as per specification and directions of the Engineer in charg	Nos	53.00	89.25	Rupees Eighty Nine and Paise Twenty Five Only
119	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2	Cum	213.87	6233.60	Rupees Six Thousand Two Hundred Thirty Three and Paise Sixty Only
120	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification.Pg No 110,Item No14.51	Sqm	28.98	5053.10	Rupees Five Thousand Fifty Three and Paise Ten Only
121	Providing and laying Hassan Green / River Pink granite flooring for staircase, treads and rises using pre polished 20 mm thick water cut green Granite slab laid over existing cement concrete bed in CM 1:3, average 20mm thick including full rounding for nosing , cutting 3 line grooves not more than 2 mm wide for antiskidding, including cost of all materials,mortar,labour,curing etc.,complete as per Specification.Pg No 110,Item No14.51 (First floor)	Sqm	52.56	5055.37	Rupees Five Thousand Fifty Five and Paise Thirty Seven Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
122	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg 45 Item no.7.38	Sqm	17.66	6827.81	Rupees Six Thousand Eight Hundred Twenty Seven and Paise Eighty One Only
123	Providing and fixing Stainless steel staircase raling as per Chief Architect Drawing No. 11520/ HRSC with hand rail 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals, and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of machineries and electrical charges, etc., complete as per specifications. Pg 45 Item no.7.38 (First Floor)	Sqm	33.14	6834.62	Rupees Six Thousand Eight Hundred Thirty Four and Paise Sixty Two Only
124	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. iii) Dismantling Stone Masonry.B. Rubble stone masonry in cement mortar. MORTH Specification No. 202 complete as per specifications and directions of the Engineer in charge.	cum	211.51	463.95	Rupees Four Hundred Sixty Three and Paise Ninety Five Only
125	Dismantling of barbed wire fencing / wire mesh fencing including posts, foundation concrete, back filling of pit by manual means including disposal of dismantled material with all lifts and stacking serviceable material and unserviceable material separately. MORTH Specification No. 202 . complete as per specifications and directions of the Engineer in charge.	m	531.73	146.75	Rupees One Hundred Forty Six and Paise Seventy Five Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
126	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. v) Steel work in all types of Sections upto a Height of 5 m above plinth level excluding Cutting of Rivet. – A. Including dismembering."complete as per specifications and directions of the Engineer in charge.	tonne	9.00	2180.20	Rupees Two Thousand One Hundred Eighty and Paise Twenty Only
127	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	950.30	406.08	Rupees Four Hundred Six and Paise Eight Only
128	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.	Cum	491.49	5780.92	Rupees Five Thousand Seven Hundred Eighty and Paise Ninety Two Only
129	Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications and directions of the Engineer in charge.	Cum	337.11	5930.06	Rupees Five Thousand Nine Hundred Thirty and Paise Six Only
130	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.	Cum	666.44	5115.35	Rupees Five Thousand One Hundred Fifteen and Paise Thirty Five Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
131	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications and directions of the Engineer in charge.	Cum	68.33	7227.82	Rupees Seven Thousand Two Hundred Twenty Seven and Paise Eighty Two Only
132	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications and directions of the Engineer in charge.	Sqm	268.27	158.05	Rupees One Hundred Fifty Eight and Paise Five Only
133	Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300- 2 complete as per specifications.(Including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of proctors density) MORTH Specification No. 305. complete as per specifications and directions of the Engineer in charge.	Cum	1068.57	361.73	Rupees Three Hundred Sixty One and Paise Seventy Three Only
134	Fabricating providing and erecting in position of MS Hot Dip galvanized sq hallow poles of 132 x132 heavy gauge length 3000mm with MS Hot Dip galvanized grill work as per approved design and drawing of chief architect using 12 x75mm galvanized flat for alround frame and 20 x 20mm galvanized forged ornamental arrow head in top and buttom the work is inclusive of throughing flat square rods placing welding all the joints including griding finishing 2 coats of anticorrossive paint over one coat of metal primer the rate is inclusive of all materials all items of work cost painting welding cutting griding with lead and lift as per specifications including loading and unloading with cost and conveyance of all materials labour machinery and incidental charges for the successful completion of the work as per direction of engineer in charge of work	Sqm	804.60	9601.35	Rupees Nine Thousand Six Hundred One and Paise Thirty Five Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
135	Fabricating, providing and erecting in position Hot dip galvanized Gate. Using 72x72x4.8 mm Sq. G I Pipe Frame with top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanized sq.rod for verticals at 150mm c/c , as shown in the drawing including providing hot do galvanized forged ornamental design in between rods and heads at top, middle and bottom. Intermediate supports of 75x12mm and 50x6mm arch bent to hot dip galvanized flats.The work is inclusive of throughing GI, Flat GI Sqm. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials Like GI Sq. GI Pipe, GI Forged designs etc., heavy duty hinges are made out of 75mm sold sq. block assembled with 20mm du bearing in three places for each flop. Heavy duty locking arrangement of low places including cost of labour, painting, erection charges using hoist pulley cranes, with all lead and lift, loading, trasportation, unloading, scaffolding charges and all other. complete as per specifications and directions of	Sqm	60.00	13098.78	Rupees Thirteen Thousand Ninety Eight and Paise Seventy Eight Only
136	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete as per specifications and directions of the Engineer in charge.	Nos	768.00	454.10	Rupees Four Hundred Fifty Four and Paise Ten Only
137	Providing and applying painting in two coat with Synthetic enamel paint of approved brand and manufacture on concrete surface with cost of materials ,labour ,complete as per specifications and directions of the Engineer in charge.	Sqm	172.90	89.04	Rupees Eighty Nine and Paise Four Only
138	Providing and laying heavy duty cobble stones 60mm thick interlock pavers,using cement and course sand for manufacturer of blocks of approved size,shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed(average Thinkness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to comeup in between joints , final compaction of pavers surfaces joint into its final level including cost of materials,labour and HOM complete as per specifications and directions of the Engineer in charge.	Sqm	452.00	1171.99	Rupees One Thousand One Hundred Seventy One and Paise Ninety Nine Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
139	Providing, fixing Ornamental Granite Column of overall height of 2585mm, 430X430 sqmm @ bottom, octogonal at a height of 1250mm for a height of 390mm, flower design on both faces of the pillar above the octogonal for a height of 430mm and carving design for a height of 350mm and above that 590mmX 590mmX 160mm pedestal cap as per the approved design including quarrying cutting to the required size and transporting the same from quarry to work spot including loading and unloading with all lead and lift etc., complete as per design and drawing. The work shall be carried out as per the directions of the engineers in charges of the work.	Nos	38.00	43575.00	Rupees Forty Three Thousand Five Hundred Seventy Five Only
140	Providing, fixing Ornamental Granite Column of overall height of 1250mm, 200X200sqmm, octagonal to a height of 820mm and carving design at bottom as shown in drawing. And two pedestal cap of 40mm thickness and octagonal design 230mm and 280mm respectively as per the approved design. including quarrying cutting to the required size and transporting the same from quarry to work spot including loading and unloading with all lead and lift etc..,complete as per design and drawing. The work shall be carried out as per the directions of the engineers in charges of the work.	Nos	60.00	8610.00	Rupees Eight Thousand Six Hundred Ten Only
141	Providing and filling sand in trenches to required depth including watring ramming with all leads and lift complete as per specifications and directed by the engineer incharge .	Cum	4.90	2292.78	Rupees Two Thousand Two Hundred Ninety Two and Paise Seventy Eight Only
142	Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications and directions of the Engineer in charge.	Sqm	28.57	1015.06	Rupees One Thousand Fifteen and Paise Six Only
143	Providing and laying/fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick for flooring conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification and directions of the Engineer in charge.	Sqm	82.65	1371.22	Rupees One Thousand Three Hundred Seventy One and Paise Twenty Two Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
144	Executive Bench-Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90X Length 1500 width 45 cms (Data approved rate).complete as per specification and directions of the Engineer in charge.	Nos	17.00	19110.00	Rupees Nineteen Thousand One Hundred Ten Only
145	KSRRB 300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications and directions of the Engineer in charge.	Cum	112.75	217.98	Rupees Two Hundred Seventeen and Paise Ninety Eight Only
146	KSRRB M2100 PCC 1 KSRRB M2100-10. Providing and laying Plain cement concrete of mix1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days Including cost of materials,labour, HOM curing form work, Scaffolding and Centering complete as per specifications.MORTH Specification No. 2100. complete as per specifications and directions of the Engineer in charge	Cum	16.11	5693.00	Rupees Five Thousand Six Hundred Ninety Three and Paise Ninety Nine Only
147	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69cum and fine aggregate at 0.43cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification-WALL & Bottom thickness 15Cm.complete as per specifications and directions of the Engineer in charge	Cum	42.95	7423.71	Rupees Seven Thousand Four Hundred Twenty Three and Paise Seventy One Only
148	Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200. complete as per specifications and directions of the Engineer in charge.	tonne	2.58	75943.33	Rupees Seventy Five Thousand Nine Hundred Forty Three and Paise Thirty Three Only

Sl	Description	Unit	Approved Qty	Rate Quoted by the Contractor Approved Rates Sri B B UMESHA ( )	
				Rate	Rate in Words
149	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,. (Data Rate)complete as per specifications and directions of the Engineer in charge.	Sqm	107.38	2453.85	Rupees Two Thousand Four Hundred Fifty Three and Paise Eighty Five Only
150	KSRRB M200-13.1. Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20. MORTH Specification No. 202 complete as per specifications and directions of the Engineer in charge.	cum	224.30	507.36	Rupees Five Hundred Seven and Paise Thirty Six Only
151	Providing and constructing granite / trap / basalt size stone masonry in superstructure with cement mortar 1:4 , edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, scaffolding, curing complete as per specifications and directions of the Engineer in charge.	cum	203.50	6683.57	Rupees Six Thousand Six Hundred Eighty Three and Paise Fifty Seven Only
152	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed complete as per specifications and directions of the Engineer in charge.	cum	232.00	350.43	Rupees Three Hundred Fifty and Paise Forty Three Only

For SMLP Asphalts

Signature of the Contractor

Executive Engineer,
Yelahanka Division,
BBMP, Bengaluru-64.